

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20040116429").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 16:43
L2	203	(544/325,514/256).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/01 16:44
L3	7	I2 and 2-substituted	US-PGPUB; USPAT	OR	ON	2007/08/01 16:44

~~10/513699~~ 10/565,686 for Cl. 7

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS	3	MAR 16	CASREACT coverage extended
NEWS	4	MAR 20	MARPAT now updated daily
NEWS	5	MAR 22	LWPI reloaded
NEWS	6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS	7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS	8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS	9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS	10	APR 30	CA/CAPplus enhanced with 1870-1889 U.S. patent records
NEWS	11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS	12	MAY 01	New CAS web site launched
NEWS	13	MAY 08	CA/CAPplus Indian patent publication number format defined
NEWS	14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS	15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS	16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS	17	MAY 21	CA/CAPplus enhanced with additional kind codes for German patents
NEWS	18	MAY 22	CA/CAPplus enhanced with IPC reclassification in Japanese patents
NEWS	19	JUN 27	CA/CAPplus enhanced with pre-1967 CAS Registry Numbers
NEWS	20	JUN 29	STN Viewer now available
NEWS	21	JUN 29	STN Express, Version 8.2, now available
NEWS	22	JUL 02	LEMBASE coverage updated
NEWS	23	JUL 02	LMEDLINE coverage updated
NEWS	24	JUL 02	SCISEARCH enhanced with complete author names
NEWS	25	JUL 02	CHEMCATS accession numbers revised
NEWS	26	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	27	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	28	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	29	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	30	JUL 30	USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that

<12/04/2007>

Erich Leese

10/513699.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:50:38 ON 01 AUG 2007

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.26	1.26

FILE 'REGISTRY' ENTERED AT 16:53:55 ON 01 AUG 2007

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STRUCTURE FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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L1 STRUCTURE UPLOADED

=> s l1 full

FULL SEARCH INITIATED 16:54:22 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS 23 ANSWERS

SEARCH TIME: 00.00.01

L2 23 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION

<12/04/2007>

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10/513699

FULL ESTIMATED COST

172.10

173.36

FILE 'CAPLUS' ENTERED AT 16:54:28 ON 01 AUG 2007
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FILE COVERS 1907 - 1 Aug 2007 VOL 147 ISS 6
FILE LAST UPDATED: 31 Jul 2007 (20070731/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s l2 full
L3 2 L2

=> d ibib abs hitstr tot

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:768723 CAPLUS
DOCUMENT NUMBER: 145:180954
TITLE: Substituted 5-phenylpyrimidines for use in cancer therapy
INVENTOR(S): Rheinheimer, Joachim; Grote, Thomas; Mueller, Bernd; Nave, Barbara; Schieweck, Frank; Schwoegler, Anja; Jabs, Thorsten; Blettner, Carsten
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 60pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006079556	A2	20060803	WO 2006-EP774	20060130
WO 2006079556	A3	20060921		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,			

10/513699

IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

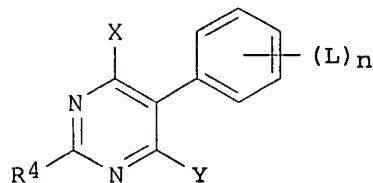
EP 2005-1955

A 20050131

OTHER SOURCE(S):

MARPAT 145:180954

GI



I.

AB The invention discloses substituted 5-phenylpyrimidines I [X = NR₁R₂, OR_{1a}, SR_{1a}, (R₁, R₂ = H, C₁-C₁₀ alkyl, C₂-C₆-alkenyl, etc.; R_{1a} = R₁ except for hydrogen); Y = halo, cyano, C₁-C₄-alkyl, etc.; R₄ = radical of 1-15 atoms different from H; L = radical of 1-10 atoms different from H; n = 0-5], or a pharmaceutically acceptable salt thereof, for use in therapy, in particular for the therapy of cancerous diseases.

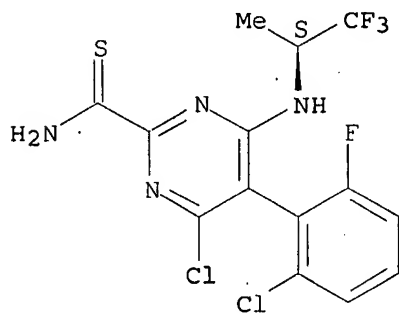
IT 846539-48-8 903549-24-6

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(phenylpyrimidine derivs. for cancer therapy)

RN 846539-48-8 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

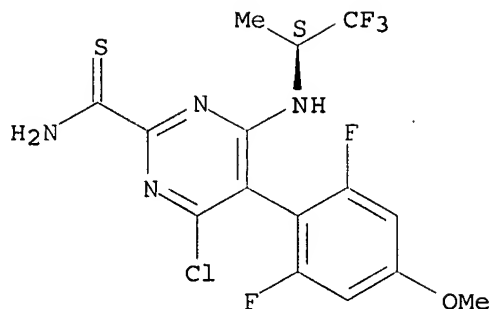
Absolute stereochemistry.



RN 903549-24-6 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:182639 CAPLUS

DOCUMENT NUMBER: 142:261553

TITLE: Preparation of 6-amino-5-arylpyrimidine-2-thiocarboxamides as agrochemical fungicides.

INVENTOR(S): Schieweck, Frank; Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schwoegler, Anja; Wagner, Oliver; Strathmann, Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl, Reinhard

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

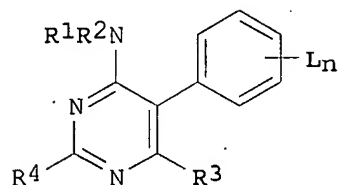
APPLICANTS

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019187	A1	20050303	WO 2004-EP7258	20040703
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004266783	A1	20050303	AU 2004-266783	20040703
CA 2532568	A1	20050303	CA 2004-2532568	20040703
EP 1651617	A1	20060503	EP 2004-740605	20040703
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1826327	A	20060830	CN 2004-80021353	20040703
BR 2004012783	A	20060926	BR 2004-12783	20040703
JP 2006528600	T	20061221	JP 2006-520707	20040703
MX 2006PA00383	A	20060405	MX 2006-PA383	20060110
IN 2006CN00645	A	20070608	IN 2006-CN645	20060222
US 2007129380	A1	20070607	US 2006-565656	20060626
PRIORITY APPLN. INFO.:			DE 2003-10333857	A 20030724

OTHER SOURCE(S):

MARPAT 142:261553

GI



AB Title compds. [I; n = 1-5; L = halo, cyano, NO₂, cyanato, (substituted) alkyl, alkenyl, alkynyl, alkoxy, amino, acyl, etc.; R₁ = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, halocycloalkyl; R₂ = H, R₁; R₁R₂N = atoms to form (substituted) 5-6 membered rings; R₃ = halo, cyano, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkylamino, dialkylamino; R₄ = C(:Z)NHXA, C(SRb):NXRa; X = bond, CO, CONH, CO₂, O, NRc; Ra = Me, PhCH₂, CF₃, allyl, propargyl, MeOCH₂; Rb = H, alkyl, alkynyl; Rc = H, Me, acyl; Z = S, NRb], were prepared. Thus, (S)-4-chloro-6-(2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)pyrimidin-2-carbonitrile in Et₃N/N-methylmorpholine was treated with H₂S to give 81% (S)-4-chloro-6-(2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)pyrimidin-2-thiocarboxamide. Several I as 250 ppm sprays gave complete control of Botrytis cinerea on paprika seedlings.

IT 846539-36-4P 846539-37-5P 846539-38-6P
846539-39-7P 846539-40-0P 846539-41-1P
846539-42-2P 846539-43-3P 846539-44-4P
846539-45-5P 846539-46-6P 846539-47-7P
846539-48-8P 846539-49-9P 846539-51-3P
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846539-55-7P 846539-56-8P 846539-57-9P
846539-59-1P

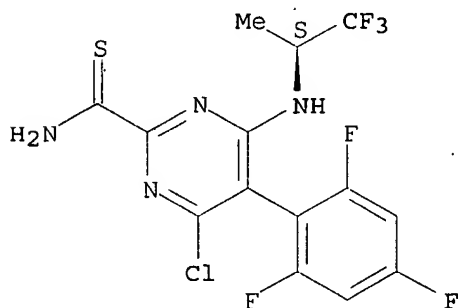
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aminoarylpyrimidinethiocarboxamides as agrochem. fungicides)

RN 846539-36-4 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

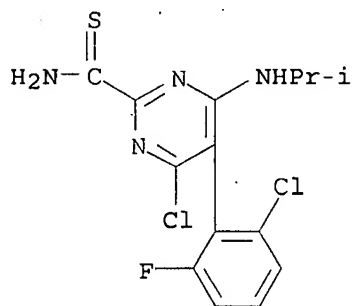
Absolute stereochemistry.



10/513699

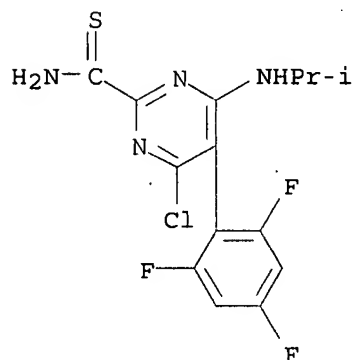
RN 846539-37-5 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(1-methylethyl)amino]- (9CI) (CA INDEX NAME)



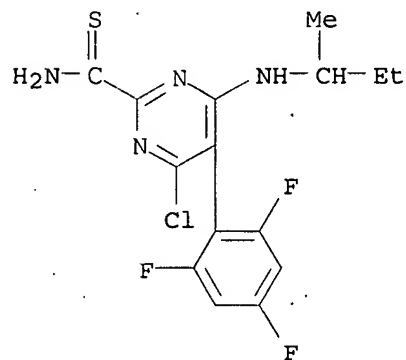
RN 846539-38-6 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(1-methylethyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-39-7 CAPLUS

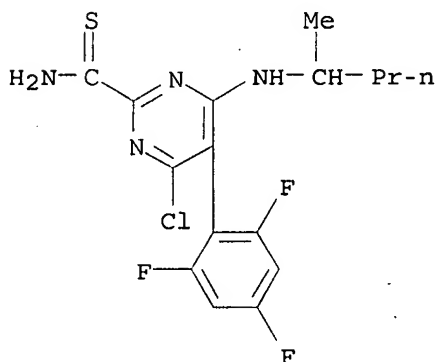
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(1-methylpropyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-40-0 CAPLUS

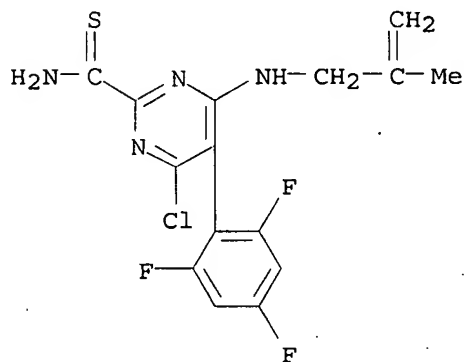
10/513699

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(1-methylbutyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



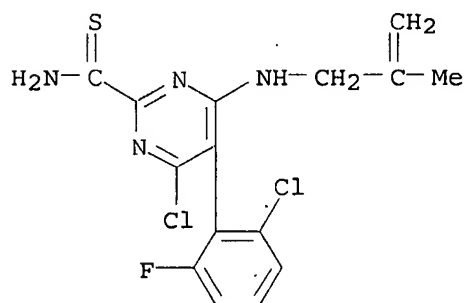
RN 846539-41-1 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(2-methyl-2-propenyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-42-2 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(2-methyl-2-propenyl)amino]- (9CI) (CA INDEX NAME)

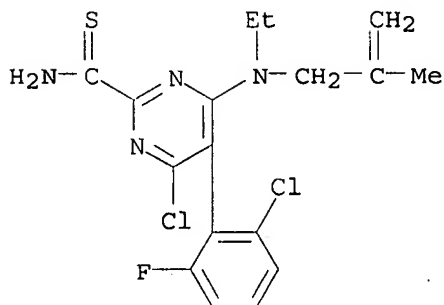


RN 846539-43-3 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-

10/513699

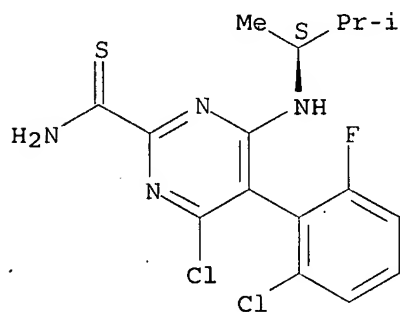
[ethyl (2-methyl-2-propenyl)amino] - (9CI) (CA INDEX NAME)



RN 846539-44-4 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[[1,2-dimethylpropyl]amino] - (9CI) (CA INDEX NAME)

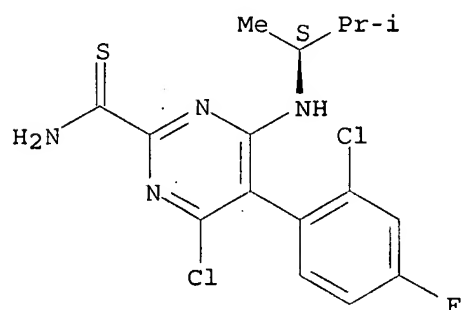
Absolute stereochemistry.



RN 846539-45-5 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[[1,2-dimethylpropyl]amino] - (9CI) (CA INDEX NAME)

Absolute stereochemistry.

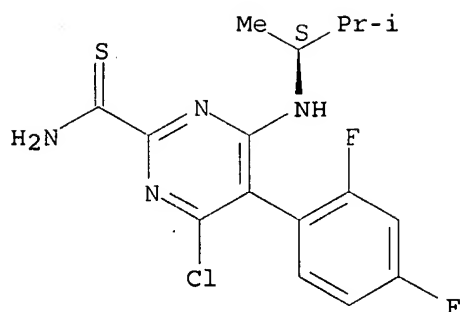


RN 846539-46-6 CAPLUS

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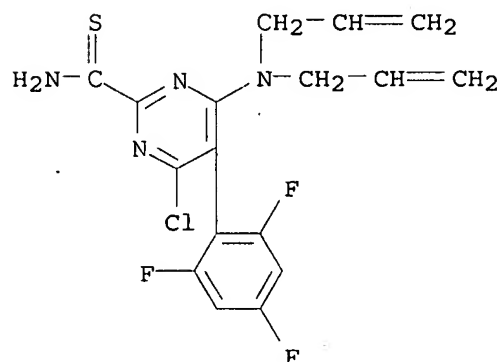
Absolute stereochemistry.

10/513699



RN 846539-47-7 CAPLUS

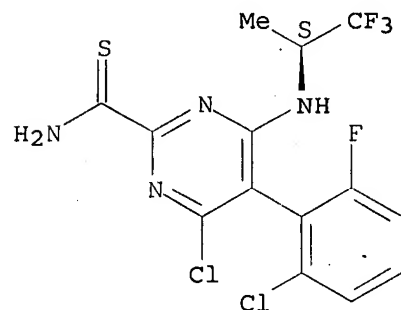
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-(di-2-propenylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-48-8 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

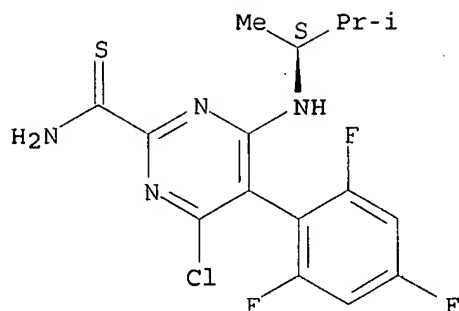


RN 846539-49-9 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[[[(1S)-1,2-dimethylpropyl]amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

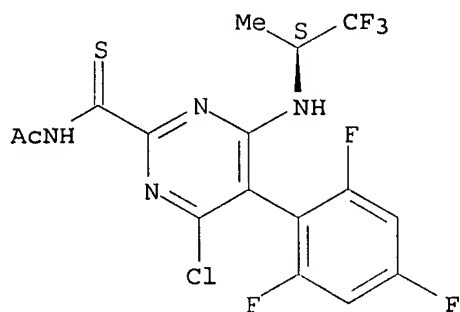
10/513699



RN 846539-51-3 CAPLUS

CN Acetamide, N-[[4-chloro-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]thioxomethyl]- (9CI) (CA INDEX NAME)

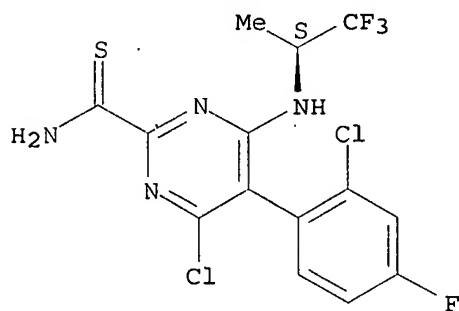
Absolute stereochemistry.



RN 846539-52-4 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

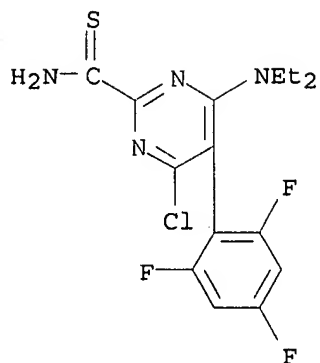
Absolute stereochemistry.



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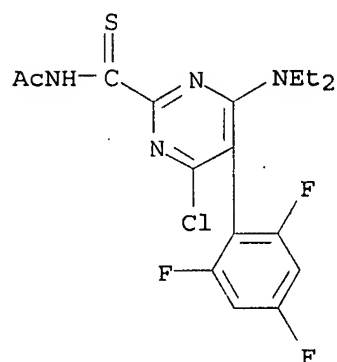
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-(diethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

10/513699



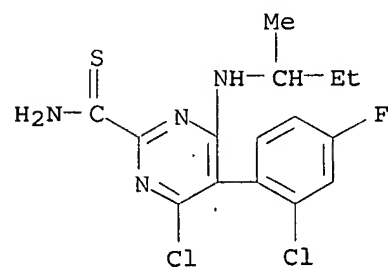
RN 846539-54-6 CAPLUS

CN Acetamide, N-[[4-chloro-6-(diethylamino)-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]thioxomethyl]- (9CI) (CA INDEX NAME)



RN 846539-55-7 CAPLUS

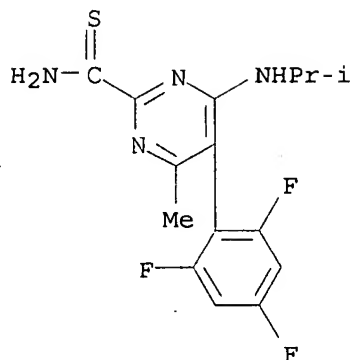
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[(1-methylpropyl)amino]- (9CI) (CA INDEX NAME)



RN 846539-56-8 CAPLUS

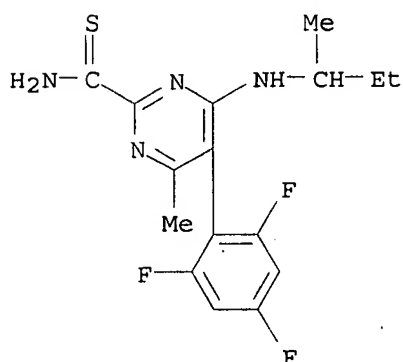
CN 2-Pyrimidinecarbothioamide, 4-methyl-6-[(1-methylethyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

10/513699



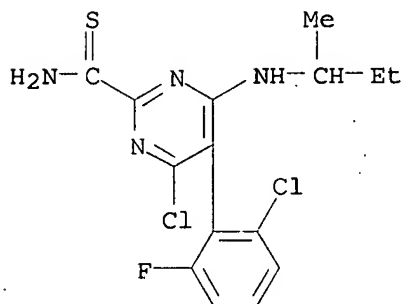
RN 846539-57-9 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-methyl-6-[(1-methylpropyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-59-1 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(1-methylpropyl)amino]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/565,656 3 Refs, including instant case

10/53699

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NEWS 6 MAR 22 RDISCLOSURE reloaded with enhancements
NEWS 7 APR 02 JIGST-EPIUS removed from database clusters and STN
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/Caplus enhanced with 1870-1889 U.S. patent records
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/Caplus Indian patent publication number format defined
NEWS 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 17 MAY 21 CA/Caplus enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/Caplus enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/Caplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 8.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 SCISEARCH enhanced with complete author names
NEWS 24 JUL 02 CHEMCATS accession numbers revised
NEWS 25 JUL 02 CA/Caplus enhanced with utility model patents from China
NEWS 26 JUL 02 CA/Caplus enhanced with French and German abstracts
NEWS 27 JUL 16 CA/Caplus patent coverage enhanced
NEWS 28 JUL 18 USPATFILL/USPAT2 enhanced with IPC reclassification
NEWS 29 JUL 26 USGENE now available on STN
NEWS 30 JUL 30

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

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=> file re

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RESEARCH - Research Cluster

REGISTRY - The CAS Registry File of substances

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'FILE' IS NOT A VALID FILE NAME

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ENTER A FILE NAME OR (IGNORE):file reg

'FILE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):ignore

COST IN U.S. DOLLARS

FULL ESTIMATED COST

TOTAL

ENTRY

SESSION

SINCE FILE

0.84

0.84

FILE 'REGISTRY' ENTERED AT 15:50:44 ON 01 AUG 2007

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DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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10/513699

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY 0.43
TOTAL SESSION 1.29
FILE 'REGISTRY' ENTERED AT 15:50:47 ON 01 AUG 2007
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STRUCTURE FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3
DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

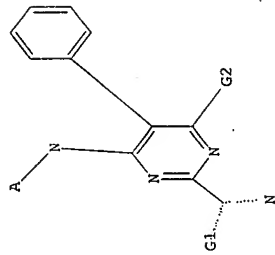
REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10565656.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 S,N
G2 X,CN,Cl,Ac,MeO,EtO,n-PrO,i-PrO,n-BuO,s-BuO,t-BuO,S,N

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Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 15:51:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

PROJECTED ITERATIONS: BATCH **COMPLETE**
PROJECTED ANSWERS: 4 TO 200
3 TO 163

L2 3 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:51:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 80 TO ITERATE

100.0% PROCESSED 80 ITERATIONS 68 ANSWERS
SEARCH TIME: 00.00.01

L3 68 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY
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TOTAL SESSION
173.39

FILE 'CAPLUS' ENTERED AT 15:51:25 ON 01 AUG 2007
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=> s l3 full
L4 3 L3

=> d ibib abs hitstr tot.

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10/513699

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:354856 CAPLUS
DOCUMENT NUMBER: 146:380000

TITLE:
Preparation of substituted 2-hydroxylaminopyrimidines
as agricultural fungicides

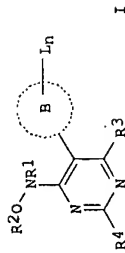
INVENTOR(S):
Rheinheimer, Joachim; Grote, Thomas; Mueller, Bernd;
Lohmann, Jan Klaas; Grammenos, Wastlios; Huenger,
Udo; Schleweck, Frank; Ulmschneider, Sarah; Dietz,
Jochen; Renner, Jens; Speakman, John-Bryan; Scherer,
Maria; Strathmann, Siegfried; Stierl, Reinhard
BASF A.-G., Germany
Ger. Offen. 89pp.
CODEN: GWXEXX

PATENT ASSIGNEE(S):
SOURCE:

DOCUMENT TYPE:
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

KIND	DATE	APPLICATION NO.	DATE
DE 102005046592	20070329	DE 2005-102005046592	20050928
WO 2007036477	20070405	WO 2006-EP66572	20060921
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BU, CF, CG, CI, CM, GA, GM, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
MARPAT 146:380000			
DE 2005-102005046592A 20050928			

PRIORITY APPLN. INFO.:
OTHER SOURCE(S):



AB Title compds. [I; R1, R2 = H, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, (halo)cycloalkyl, etc. or R1OR2 = 5-7 membered (saturated) (substituted) heterocyclyl; R3 = halo, cyano, azido, (substituted) (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; R4 = 5-6 membered (saturated) aromatic (substituted) heterocyclyl containing O, N and S; B = ph, 5-6 membered heteroaryl containing O, N and S; L = halo, cyano, OCN, (halo)alkyl, (halo)alkenyl, (halo)alkynyl, etc.; n = 1-5], were prepared Thus, 95% NaH

<12/04/2007>

Erich Leese

10/513699

in THF was stirred with 1,2,4-triazole for 3 h at room temperature followed by stirring with 4-chloro-2-methylsulfonyl-6-(6-methyltetrahydro-2H-1,2-oxazin-2-yl)-5-(2,4,6-trifluorophenyl)pyrimidine (preparation given) over night at room temperature to give

4-chloro-6-(6-methyltetrahydro-2H-1,2-oxazin-2-yl)-2-

(1,2,4-triazol-1-yl)-5-(2,4,6-trifluorophenyl)pyrimidine. The latter as a 250 ppm spray on tomato leaves infected with Alternaria solani reduced the infection to 20%, vs. 90% for untreated controls.

IT 931118-02-4P 931118-08-0P 931118-09-1P

931118-10-4P 931118-11-5P 931118-14-8P

931118-16-0P 931118-19-3P 931118-28-4P

931118-30-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN

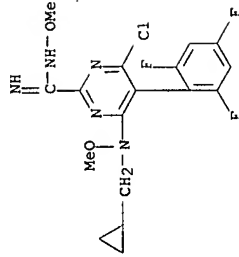
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of substituted hydroxylaminopyrimidines as agricultural fungicides)

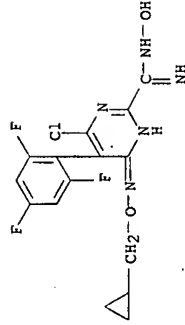
RN 931118-02-4 CAPLUS

CN 2-Pyrimidinecarboximidamide, 4-chloro-6-[(cyclopropylmethyl)methoxymino]-N-methoxy-5-(2,4,6-trifluorophenyl)- (CA INDEX NAME)



RN 931118-08-0 CAPLUS

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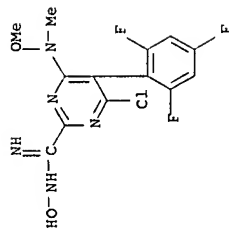
RN 931118-09-1 CAPLUS

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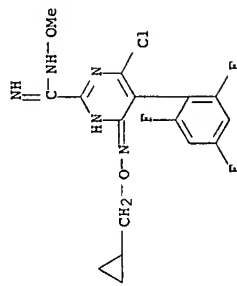
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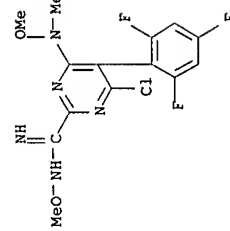
10/513699



RN 931118-10-4 CAPLUS
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RN 931118-11-5 CAPLUS
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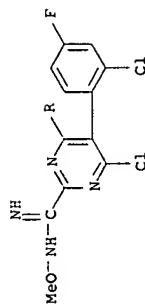


RN 931118-14-8 CAPLUS
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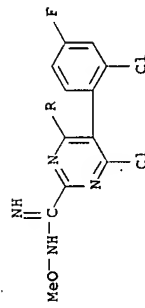
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10/513699



RN 931118-16-0 CAPLUS
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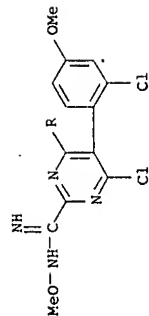


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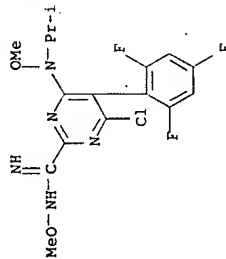
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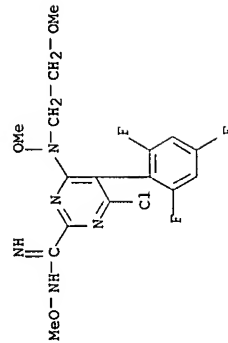
10/513699



RN 931118-28-4 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-N-methoxy-6-[methoxy(1-methylethyl)amino]-5-(2,4,6-trifluorophenyl)- (CA INDEX NAME)



RN 931118-30-8 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-N-methoxy-6-[methoxy(2-methoxyethyl)amino]-5-(2,4,6-trifluorophenyl)- (CA INDEX NAME)



L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

<12/04/2007>

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10/513699

ACCESSION NUMBER:

DOCUMENT NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

2006:768723 CAPLUS

145:180954

Substituted 5-phenylpyrimidines for use in cancer therapy

Rheinheimer, Joachim; Grote, Thomas; Mueller, Bernd;

Nave, Barbara; Schieweck, Frank; Schwoegler, Anja;

Jabs, Thorsten; Blettner, Carsten

BASF Aktiengesellschaft, Germany

PCT Int. Appl., 60pp.

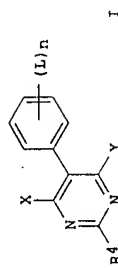
CODEN: PIXXD2

Patent

English

1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006079556	A2	20060803	WO 2006-EP774	20060130
WO 2006079556	A3	20060921		
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, TW, BZ, BF, BJ, CF, CG, CI, CM, CA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.: EP 2005-1955 A 20050131				
OTHER SOURCE(S): MARPAT 145:180954				



AB The invention discloses substituted 5-phenylpyrimidines I [X = NR1R2, OR1a, SR1a, (R1, R2 = H, C1-C10 alkyl, C2-C6-alkenyl, etc.; R1a = R1, except for hydrogen; Y = halo, cyano, C1-C4-alkyl, etc.; R4 = radical of 1-15 atoms different from H; L = radical of 1-10 atoms different from H; n = 0-5], or a pharmaceutically acceptable salt thereof, for use in therapy, in particular for the therapy of cancerous diseases.

IT 846539-48-8 903548-59-4 903548-66-3

903548-73-2 903548-74-3 903548-75-4

903548-76-5 903548-86-7 903548-95-8

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903549-00-8 903549-01-9 903549-02-0

<12/04/2007>

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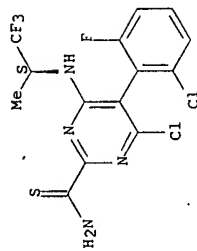
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903549-32-6 903549-33-7 903549-34-8
903549-36-0 903549-37-1 903549-38-2
903549-39-3

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)
(phenylpyrimidine derivs. for cancer therapy)

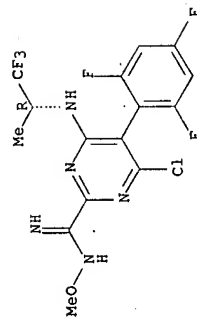
RN 846539-48-8 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[[[(1S)-
2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903548-59-4 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-N-methoxy-6-[[[(1R)-2,2,2-trifluoro-1-
methylethyl]amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



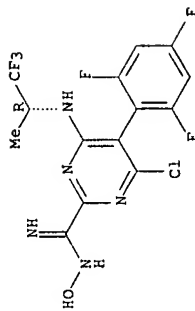
RN 903548-66-3 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-N-hydroxy-6-[[[(1R)-2,2,2-trifluoro-1-
methylethyl]amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

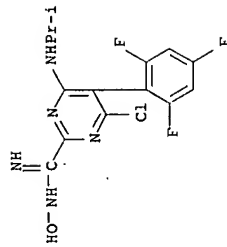
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10/513699

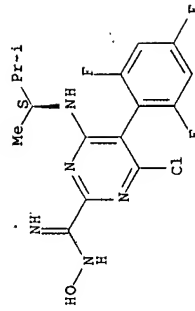


RN 903548-73-2 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-N-hydroxy-6-[[[(1S)-2,2,2-trifluoro-1-
methylethyl]amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 903548-74-3 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-
hydroxy-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

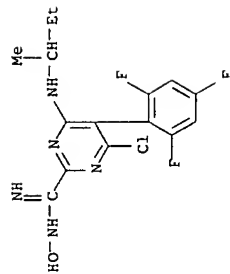


RN 903548-75-4 CAPLUS
CN 2-Pyrimidinecarboximide, 4-chloro-N-hydroxy-6-[[[(1S)-2,2,2-trifluoro-1-
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<12/04/2007>

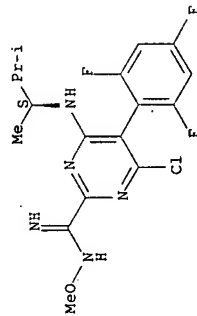
Erich Leese

10/513699



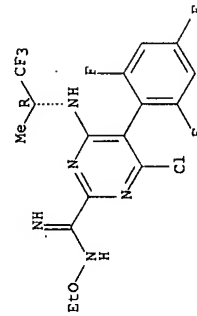
RN 903548-76-5 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-6-((1S)-1,2-dimethylpropylamino)-N-methoxy-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903548-86-7 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-N-ethoxy-6-((1R)-2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



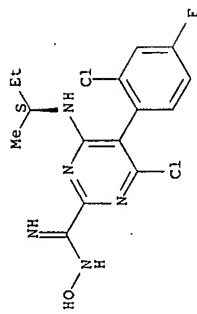
RN 903548-95-8 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-N-hydroxy-6-((1S)-1-methylpropylamino)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

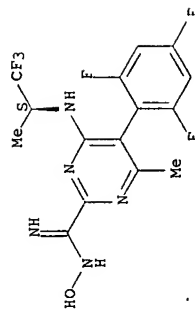
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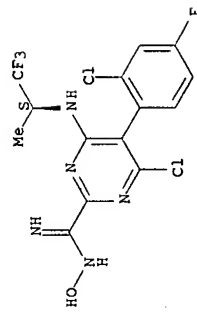
RN 903548-97-0 CAPLUS
CN 2-Pyrimidinecarboximidamide, N-hydroxy-4-methyl-6-((1S)-2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903548-98-1 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-N-hydroxy-6-((1S)-2,2-trifluoro-1-methylethylamino)- (9CI) (CA INDEX NAME)

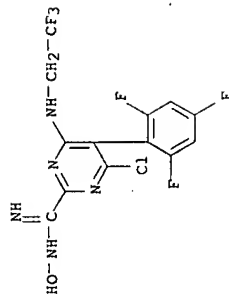
Absolute stereochemistry.



RN 903548-99-2 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-N-hydroxy-6-((2,2,2-trifluoroethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

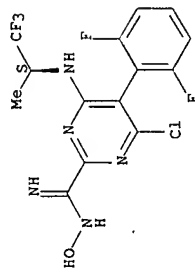
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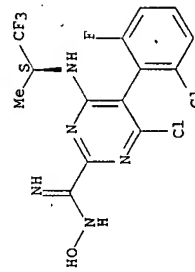
RN 903549-00-8 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluorophenyl)-N-hydroxy-6-
[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME).

Absolute stereochemistry.



RN 903549-01-9 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-N-
hydroxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



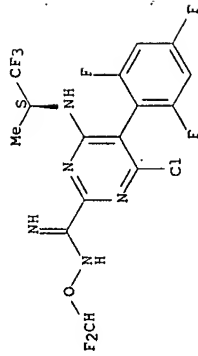
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CN 2-Pyrimidinecarboximidamide, 4-chloro-N-(difluoromethoxy)-6-[[[(1S)-2,2,2-
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NAME)

<12/04/2007>

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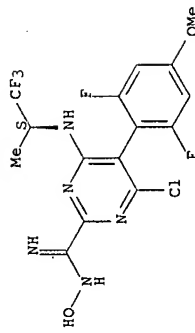
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Absolute stereochemistry.



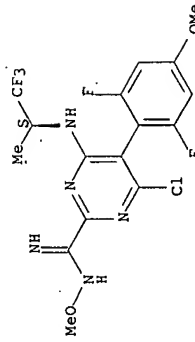
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CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-N-
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NAME)

Absolute stereochemistry.



RN 903549-05-3 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-N-
methoxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



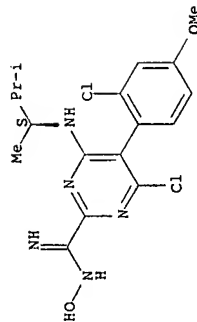
RN 903549-06-4 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-methoxyphenyl)-6-
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<12/04/2007>

Erich Leese

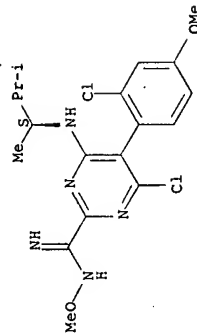
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Absolute stereochemistry.



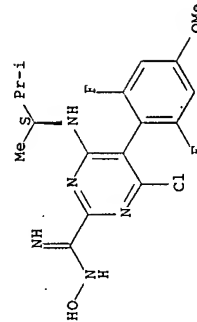
RN 903549-07-5 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-methoxyphenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-12-2 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-hydroxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



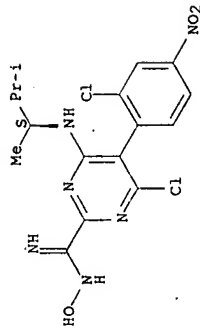
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CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-nitrophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

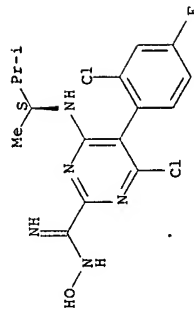
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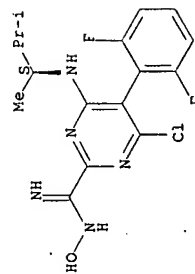
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CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-hydroxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-16-6 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-fluorophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



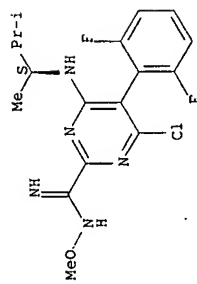
RN 903549-17-7 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-fluorophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

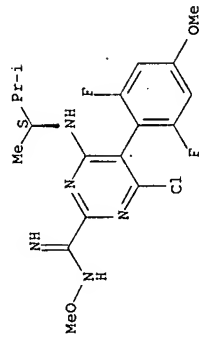
Erich Leese

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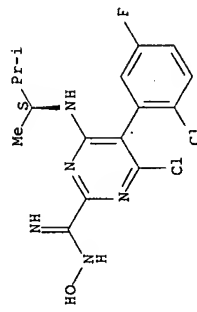
RN 903549-19-9 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-6-
[[[(1S)-1,2-dimethylpropylamino]-N-methoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-22-4 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-5-fluorophenyl)-6-[[[(1S)-
1,2-dimethylpropylamino]-N-hydroxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



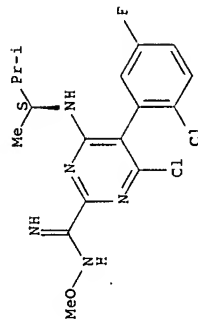
RN 903549-23-5 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-5-fluorophenyl)-6-[[[(1S)-
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Absolute stereochemistry.

<12/04/2007>

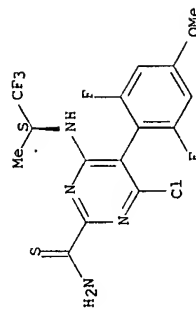
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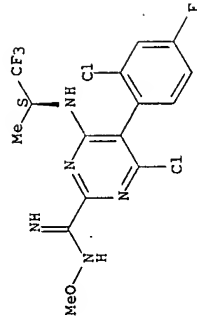
RN 903549-24-6 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxyphenyl)-6-
[[[(1S)-2,2,2-trifluoro-1-methylethylamino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-29-1 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-N-
methoxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethylamino]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



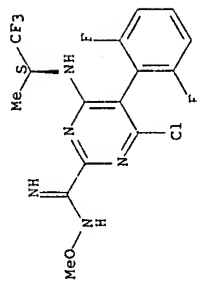
RN 903549-31-5 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2,6-difluoro-4-methoxy-6-
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Absolute stereochemistry.

<12/04/2007>

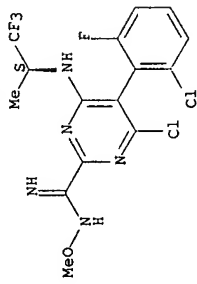
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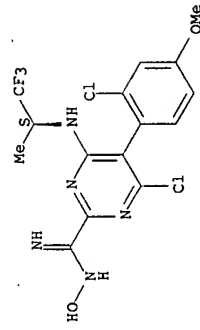
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CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-N-methoxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-33-7 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-methoxyphenyl)-N-hydroxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



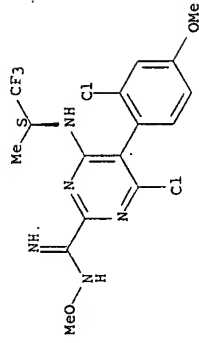
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CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-methoxyphenyl)-N-methoxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

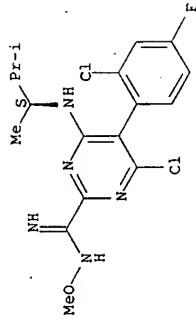
Erich Leese

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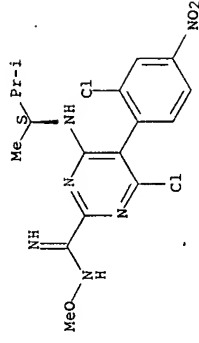
RN 903549-36-0 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 903549-37-1 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-4-nitrophenyl)-6-[[[(1S)-1,2-dimethylpropyl]amino]-N-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



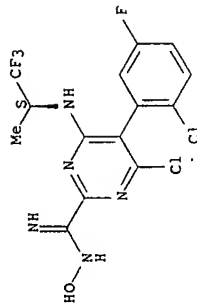
RN 903549-38-2 CAPLUS
CN 2-Pyrimidinecarboximidamide, 4-chloro-5-(2-chloro-5-fluorophenyl)-N-hydroxy-6-[[[(1S)-2,2,2-trifluoro-1-methylethyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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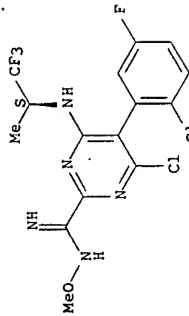
Erich Leese

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RN 903549-39-3 CAPLUS
CN 2-Pyrimidin-5-yl-4-chloro-5-(2-chloro-5-fluorophenyl)-N-methoxy-6-((1S)-2,2,2-trifluoro-1-methylethylamino)-9CI (CA INDEX)

Absolute stereochemistry.



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:182639 CAPLUS
DOCUMENT NUMBER: 142:261553

TITLE: Preparation of 6-amino-5-arylpyrimidine-2-thiocarboxamides as agrochemical fungicides.

INVENTOR(S): Schiweck, Frank; Formo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schwoegler, Anja; Wagner, Oliver; Strathmann, Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 67 pp.
CODEN: FIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019187	A1	20050303	WO 2004-EPT258	20040703
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, DE, DK, DM, DG, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,				

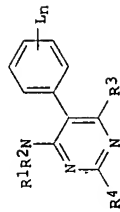
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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NJ, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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WO 2004-EPT258 W 20040703

PRIORITY APPLN. INFO.:
OTHER SOURCE(S): MARPAT 142:261553
GI



AB Title compds. [I: n = 1-5; L = halo, cyano, NO2, cyanoato, (substituted) alkyl, alkenyl, alkynyl, alkoxy, amino, acyl, etc.; R1 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, halocycloalkyl; R2 = H, R1; R1R2N = atoms to form (substituted) 5-6 membered rings; R3 = halo, cyano, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy, alkenyloxy, alkynyloxy, alkylthio, alkylamino, dialkylamino; R4 = C(=Z)NHXA, C(SR)NXRa; X = bond, CO, CONH, CO2, O, NRC; Ra = Me, PhCH2, CF3, allyl, propargyl, MeOCH2; Rb = H, alkyl, alkynyl; Rc = H, Me, acyl; Z = S, NRD], were prepared. Thus, (S)-4-chloro-6-(2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)pyrimidin-2-carbonitrile in Et3N/N-methylmorpholine was treated with H2S to give 81% (S)-4-chloro-6-(2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)pyrimidin-2-thiocarboxamide. Several I as 250 ppm sprays gave complete control of Botrytis cinerea on paprika seedlings.

IT 846539-36-4P 846539-37-5P 846539-38-6P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

<12/04/2007>

Erich Leese

10/513699

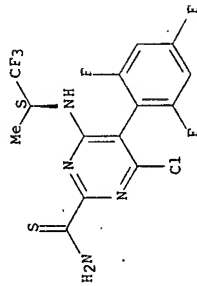
(Uses)

(Preparation of aminoarylpyrimidinethiocarboxamides as agrochem. fungicides)

RN 846539-36-4 CAPLUS

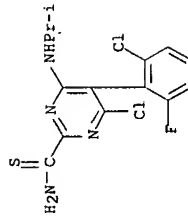
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-((1S)-2,2,2-trifluoro-1-methylethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



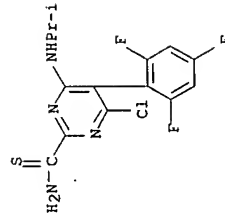
RN 846539-37-5 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-((1-methylethylamino)- (9CI). (CA INDEX NAME)



RN 846539-38-6 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-((1-methylethyl)amino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



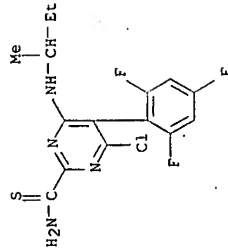
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Erich Leese

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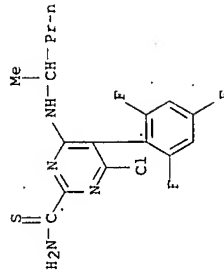
RN 846539-39-7 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(1-methylpropyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



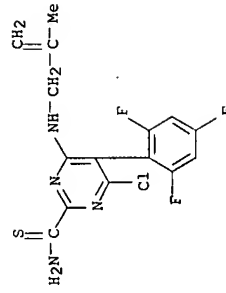
RN 846539-40-0 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(1-methylbutyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-41-1 CAPLUS

CN 2-Pyrimidinecarbothioamide, 4-chloro-6-[(2-methyl-2-propenyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

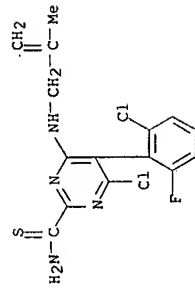


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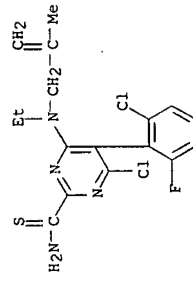
Erich Leese

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RN 846539-42-2 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(2-methyl-2-propenyl)amino]- (9CI) (CA INDEX NAME)

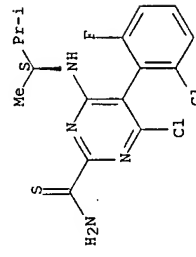


RN 846539-43-3 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[ethyl(2-methyl-2-propenyl)amino]- (9CI) (CA INDEX NAME)



RN 846539-44-4 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(1S)-1,2-dimethylpropylamino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



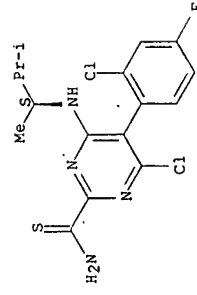
RN 846539-45-5 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-[(1S)-1,2-dimethylpropylamino]- (9CI) (CA INDEX NAME)

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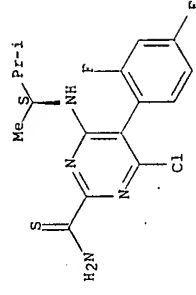
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Absolute stereochemistry.

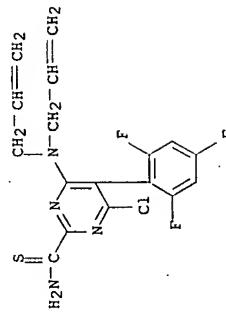


RN 846539-46-6 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2,4-difluorophenyl)-6-[(1S)-1,2-dimethylpropylamino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 846539-47-7 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-(di-2-propenylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



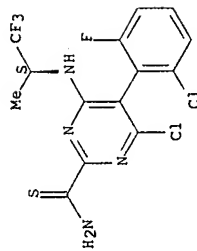
RN 846539-48-8 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-[(1S)-2,2,2-trifluoro-1-methylethylamino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

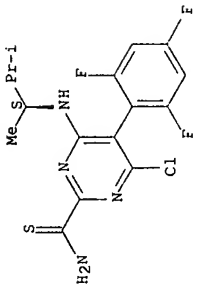
Erich Leese

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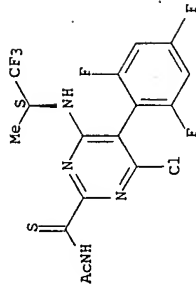
RN 846539-49-9 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-((1S)-1,2-dimethylpropyl)amino]-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 846539-51-3 CAPLUS
CN Acetamide, N-[[4-chloro-6-((1S)-2,2,2-trifluoro-1-methylethyl)amino]-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]thioxomethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



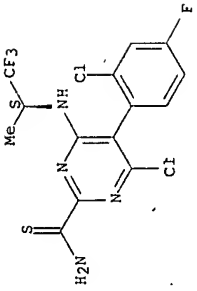
RN 846539-52-4 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-((1S)-2,2,2-trifluoro-1-methylethyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

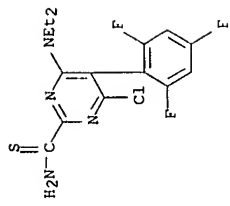
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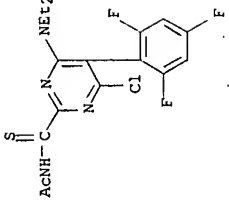
10/513699



RN 846539-53-5 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-6-(diethylamino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-54-6 CAPLUS
CN Acetamide, N-[[4-chloro-6-(diethylamino)-5-(2,4,6-trifluorophenyl)-2-pyrimidinyl]thioxomethyl]- (9CI) (CA INDEX NAME)

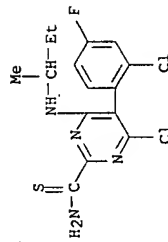


RN 846539-55-7 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-4-fluorophenyl)-6-((1S)-2,2,2-trifluoro-1-methylethyl)amino]- (9CI) (CA INDEX NAME)

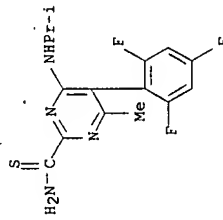
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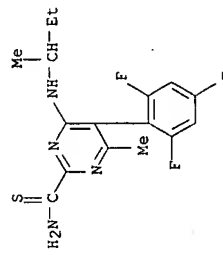
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RN 846539-56-8 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-methyl-6-((1-methylethyl)amino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-57-9 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-methyl-6-((1-methylpropyl)amino)-5-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 846539-59-1 CAPLUS
CN 2-Pyrimidinecarbothioamide, 4-chloro-5-(2-chloro-6-fluorophenyl)-6-((1-methylpropyl)amino)- (9CI) (CA INDEX NAME)

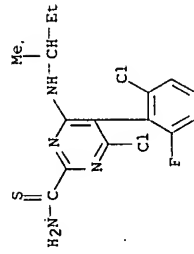
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